

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO. : US 7,035,287 B2  
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It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please add the following claims:

16. A network element for a mobile communication system comprising a header field compression system including a compressor and a decompressor, the header field compression system comprising means for defining a context for the data packet connection between the compressor and the decompressor as one parameter of the connection, the context controlling the operation of the compressor and decompressor and comprising a context identifier to identify the data packet connections,  
means for defining a length for the context identifier for data transmission between the compressor and decompressor, the length defining the maximum number of compressed data packet connections transmitted on one connection,  
means for identifying each data packet connection by its own context identifier, wherein the network element comprises means for receiving a signal from a convergence protocol layer of the mobile communication system, the signal indicating the maximum number of simultaneous data packet connections defined for each radio bearer, and the network element comprises means for directing the mobile communication system, in response to exceeding the number of data packet connections allowed by the maximum value of the context identifier length, to define a new radio bearer for the extra data packet connections.
17. A network element according to claim 16, wherein the network element is configured to reserve at least one value of the length of the defined context identifier for an uncompressed data flow.

18. A mobile device for a mobile communication system comprising a header field compression system including a compressor and a decompressor, the header field compression system comprising means for defining a context for the data packet connection between the compressor and the decompressor as one parameter of the connection, the context controlling the operation of the compressor and decompressor and comprising a context identifier to identify the data packet connections, means for defining a length for the context identifier for data transmission between the compressor and decompressor, the length defining the maximum number of compressed data packet connections transmitted on one connection, means for identifying each data packet connection by its own context identifier, wherein the mobile device comprises means for signalling, on its convergence protocol layer, the maximum number of simultaneous data packet connections defined for each of its radio bearers to a mobile communication system entity which, when establishing a new data packet connection, decides which radio bearer it will be associated with, and the mobile device comprises means for receiving a command from the entity, in response to exceeding the number of data packet connections allowed by the maximum value of the context identifier length, to define a new radio bearer for the extra data packet connections.

19. A mobile device according to claim 18, wherein the mobile device is configured to reserve at least one value of the length of the defined context identifier for an uncompressed data flow.

20. A network element for a mobile communication system comprising a header field compression system including a compressor and a decompressor, the header field compression system being configured to define a context for the data packet connection between the compressor and the decompressor as one parameter of the connection, the context controlling the operation of the compressor and decompressor and comprising a context identifier to identify the data packet connections, define a length for the context identifier for data transmission between the compressor and decompressor, the length defining the maximum number of compressed data packet connections transmitted on one connection, identify each data packet connection by its own context identifier, wherein the network element is configured to direct a convergence protocol layer of the mobile communication system, or the compressor in it, in response to exceeding the number of data packet connections allowed by the maximum value of the context identifier length, to transmit the extra data packet connections without header field compression.

21. A network element according to claim 20, wherein the network element is configured to reserve at least one value of the length of the defined context identifier for an uncompressed data flow.

22. A mobile device for a mobile communication system comprising a header field compression system including a compressor and a decompressor, the header field compression system being configured to define a context for the data packet connection between the compressor and the decompressor as one parameter of the connection, the context controlling the operation of the compressor and decompressor and comprising a context identifier to identify the data packet connections, define a length for the context identifier for data transmission between the compressor and decompressor, the length defining the maximum number of compressed data packet connections transmitted on one connection, identify each data packet connection by its own context identifier, wherein the mobile device is configured to receive a command from a mobile communication system entity which, when establishing a new data packet connection, decides which radio bearer it will be associated with, to transmit the extra data packet connections without header field compression, in response to exceeding the number of data packet connections allowed by the maximum value of the context identifier length.

23. A mobile device according to claim 22, wherein the mobile device is configured to reserve at least one value of the length of the defined context identifier for an uncompressed data flow.

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